



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re application of:

Zhang *et al.*

Appl. No.: 09/849,537

Filed: May 7, 2001

For: **Die-Up Ball Grid Array Package
with a Heat Spreader and Method
for Making the Same**

Confirmation No.: 7984

Art Unit: 2822

Examiner: Lewis, Monica

Atty. Docket: 1875.0370000

Reply To Restriction Requirement and Election of Species

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

In reply to the Office Action dated **April 21, 2004** (PTO Prosecution File Wrapper Paper No. 04142004), Applicant submits the following Reply to Restriction Requirement, Election of Species, and Remarks. This document is provided in the following format:

- (A) Each section begins on a separate sheet;
- (B) Starting on a separate sheet, amendments to the specification by presenting replacement paragraphs marked up to show changes made;
- (C) Starting on a separate sheet, a complete listing of all of the claims:
 - in ascending order;
 - with status identifiers; and
 - with markings in the currently amended claims;
- (D) Starting on a separate sheet, the Remarks.

It is not believed that extensions of time or fees for net addition of claims are required beyond those that may otherwise be provided for in documents accompanying this paper. However, if additional extensions of time are necessary to prevent

abandonment of this application, then such extensions of time are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required therefor (including fees for net addition of claims) are hereby authorized to be charged to our Deposit Account No. 19-0036.

Election

In response to the Restriction Requirement listing Embodiments I, II, and III, Applicants elect without traverse to prosecute the claims 13, 16, 17, and 52-59 of Embodiment II.



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*Admitted only in Maryland
*Admitted only in Virginia
*Practice limited to
Federal Agencies

May 21, 2004

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Art Unit 2822

Re: U.S. Utility Patent Application
Application No. 09/849,537; Filed: May 7, 2001
For: **Die-Up Ball Grid Array Package with a Heat Spreader and Method
for Making the Same**
Inventors: Zhang *et al.*
Our Ref: 1875.0370000

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Reply to Restriction Requirement and Election of Species; and
2. Return postcard.

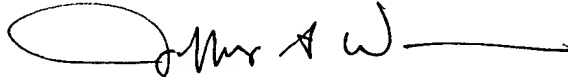
It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Commissioner for Patents
May 21, 2004
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The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

A handwritten signature in black ink, appearing to read "Jeffrey S. Weaver", with a long horizontal line extending to the right.

Jeffrey S. Weaver
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JSW/asl
Enclosures

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